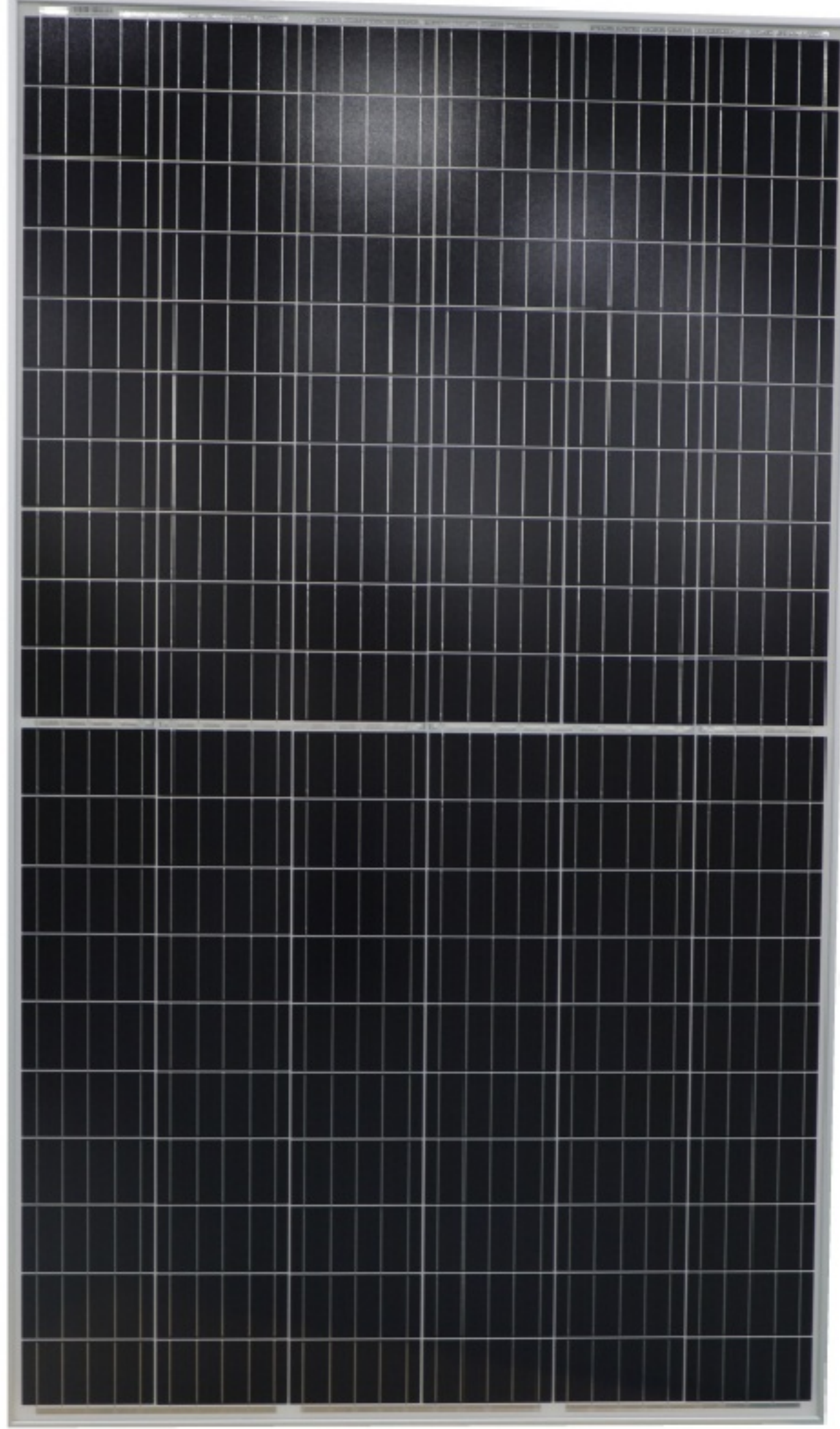


For Global Market



MaysunSolar

Monocrystalline

PV Module

MS(315-335)M-120 Series

- ▶ More uniform current collection ability, reduces the current and heat loss of the battery in the module; beautiful appearance, more suitable for roof installation.
- ▶ Using half-piece PERC structure technology (low resistance), the output of mono crystalline 60pcs series is up to 335W (module conversion efficiency is up to 19.85%).
- ▶ System voltage 1000V/1500V standard
- ▶ It can ensure that the components produced on a large scale can pass the PID (potential induced attenuation) test.
- ▶ Excellent performance in low light environment achieved by using excellent surface velveting technology of glass and cells.
- ▶ The whole module is certified by 2400Pa wind load and 5400Pa snow load.
- ▶ Certified by high salt spray and high ammonia corrosion test

315	320	325	330	335
-----	-----	-----	-----	-----

ELECTRICAL SPECIFICATIONS

STC rated output (P _{mpp})*	315 Wp	320 Wp	325 Wp	330 Wp	335 Wp
PV Module size	1684*1002*35 mm				
Standard sorted output	0/+5 Wp				
Warranted power output STC (P _{nominal})	315 Wp	320 Wp	325 Wp	330 Wp	335 Wp
Rated voltage (V _{mpp}) at STC	33.2 V	33.4 V	33.6 V	33.8 V	34.0 V
Rated current (I _{mpp}) at STC	9.49 A	9.59 A	9.68 A	9.77 A	9.84 A
Open circuit voltage (V _{oc}) at STC	40.7 V	40.9 V	41.1 V	41.3 V	41.5 V
Short circuit current (I _{sc}) at STC	10.04 A	10.15 A	10.20 A	10.31 A	10.36 A
Module efficiency	18.67%	18.96%	19.26%	19.56%	19.85%
Rated output (P _{mpp}) at NOCT	235 Wp	239 Wp	242 Wp	246 Wp	250 Wp
Rated voltage (V _{mpp}) at NOCT	31.2 V	31.4 V	31.6 V	31.8 V	32.0 V
Rated current (I _{mpp}) at NOCT	7.56 A	7.62 A	7.66 A	7.74 A	7.82 A
Open circuit voltage (V _{oc}) at NOCT	37.6 V	37.8 V	38.0 V	38.2 V	38.4 V
Short circuit current (I _{sc}) at NOCT	8.33 A	8.44 A	8.54 A	8.65 A	8.74 A

Temperature coefficient (P _{mpp})	- 0.380%/K
Temperature coefficient (I _{sc})	+0.042%/K
Temperature coefficient (I _{mpp})	- 0.008%/K
Temperature coefficient (V _{mpp})	- 0.373%/K
Temperature coefficient (V _{oc})	- 0.284%/K
Normal operating cell temperature (NOCT)	46±2°C

* Measurement tolerance +/- 3%

Maximum system voltage (IEC)	1000V _{DC} / 1500V _{DC}
Number of diodes	3
Maximum series fuse rating	15 A
Operating Temperature	-40°C to +85°C



MAYSUN SOLAR

RELATED PARAMETERS	
Cell type	Monocrystalline
Number of cells / cell arrangement	120 / 6*20
Cells dimension	6"
Packing unit	30 modules
Weight of packing unit (for container)	570kg / 1257 lbs

MECHANICAL SPECIFICATIONS	
Outer dimensions (L x W x H)	1684*1002*35mm 66.35 * 39.48 * 1.38 in
Frame technology	Aluminum,silver anodized
Module composition	Glass/EVA/Backsheet(white)
Weight (module only)	19kg /41.88 lbs
Front glass thickness	3.2mm / 0.13 in
Junction box IP rating	IP 65/67
①Cable length(IEC)	450/500mm / 17.73/19.70 in
Cable diameter (IEC)	12 AWG/4mm²
②Maximum load capacity	5400 Pa
Fire performance (IEC)	Glass C
Connector type (IEC)	MC4 compatible

Refer to Maysun Solar crystalline installation manual.

MODULE DIMENSION DETAILS			
Front view	Side view	Rear view	Frame cross section

Maysun Solar FZCO Reserves the right of final interpretation.
Specifica tions and designs included in this datasheet are subject to change without notice.

QUALIFICATION AND LINEAR WARRANTIES	
Product standard	IEC61215, 61730
Extended product warranty	12 years
Output decline 3%/year performance P _{mpp} (STC)	1 st year
Output decline 0.7%/year performance P _{mpp} (STC)	2 nd - 25 th years

